

## Model 450 Floor Sentry Quad — Quad Arm Fume Extractor

Model # SS-450-FSQ

The **Model 450 Floor Sentry Quad** provides fume extraction for multiple operators that features a powerful fan and four semi self-supportive flex arms. This compact system features strong suction for the source capture of airborne contaminants and a small footprint making it a great solution for those seeking fume extraction for multiple operators in limited space environments.

Typical applications for this unit may include *chemical fume extraction, powder and capsule filling, solvent and epoxy fumes, TIG welding fumes, particulate extraction, solder fume control, and a variety of industrial applications*. This unit is also a popular choice for *technical schools* (i.e. electronics laboratories) that require fume extraction for multiple stations.

Several filtration options are available for this unit and include: **HEPA filtration** (up to 99.97% efficiency on particles 0.3 microns and larger), **ASHRAE filtration** (up to 95% efficiency on particles 0.5 microns and larger), **ULPA filtration** (up to 99.9995% efficiency on particles 0.12 microns and larger), **Activated Carbon**, and **specialty-blended filter media** (i.e. acid gas, mercury, aldehyde, and ammonia). The **Floor Sentry Quad** allows multiple filter media to be housed inside the filter chamber for applications that emit both particulates and fumes.

*This unit is available with a single arm [SS-450-PFS], dual arms [SS-450-FSD], and a smaller model [SS-300-FSQ & SS-400-FSQ].*

### Product Features

- **Includes:** variable speed controller (115V only), ON/OFF toggle switch (220V only), and portability handle
- **Optional:** Magnehelic Gauge
- (4) Self-supportive, flexible arms
- Reliable, low maintenance operation
- Low power consumption
- Long filter life
- Simple, quick “no tool” filter change



Model 450 Quad Floor Sentry



Dual arm concept shown SS-450-FSD



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# Fume & Particulate Removal

## Product Specifications



Dimensions are approximate  
Shown with optional accessories



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Base Unit Dimensions	<b>Length:</b> 22.5" (includes control box) <b>Width:</b> 20" <b>Height:</b> 19.5"
Arm Dimensions	(4) 4" Diameter, 48" L fire-retardant flex arms 5.5" diameter capture hoods
Cabinet Material	16 Ga. carbon steel
Weight (approximately)	62 - 112 lbs
Air Volume (approximately)	<b>High:</b> up to 235 CFM (per arm) <b>Low:</b> down to 50 CFM (per arm)
Electrical	115/1/60, 10.7 amps 220/1/50, 5.35 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level (3' from inlet)	Approx. 72 dba (High)
Main Filter Options	Depending on the Application: <b>HEPA</b> [up to 99.97% efficiency on particles 0.3 microns and larger] <b>ASHRAE</b> [up to 95% efficiency on particles 0.5 microns and larger] <b>ULPA</b> [up to 99.9995% efficiency on particles 0.12 microns and larger] <b>Activated Carbon</b> <b>Specialty-Blended Filter Media</b> [i.e. acid gas, mercury, aldehyde, and ammonia]
Limited Warranty	Limited two year warranty from dates of shipment on defects due to materials or workmanship. Limited six month warranty on fan/motor assembly
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